

09-5220.21 COLORADO RIVER IMMEDIATELY ABOVE MORELOS DAM - STAGES

DESCRIPTION: water-stage recorder located on the right bank of the Colorado River in Mexico attached to the upstream abutment of the gates of the Intake Canal at Morelos Dam, 1.8 kilometers downstream from the northerly international boundary, and about 12.1 kilometers downstream from the Colorado River below Yuma Main Canal wasteway. Since April 17, 1969, zero of the gage is at mean sea level, U. S. C. & G. S. datum; prior to that date, zero of the gage was 0.05 meter below mean sea level.

RECORDS: Records obtained and furnished by the Mexican Section of the Commission. Records available: Staff gage height records November 8, 1950 to June 3, 1951; a continuous record of gage heights June 4, 1951 through 2001.

REMARKS: Prior to June 4, 1951, when a continuous water-stage recorder was installed, mean daily gage height records were determined from hourly readings of a staff gage.

EXTREMES: Since November 8, 1950: Maximum mean daily elevation above mean sea level, 35.91 meters on February 18, 1998; minimum mean daily elevation above mean sea level, 30.94 meters on February 17, 1957.

MEAN DAILY GAGE HEIGHT IN METERS 2001												
Day	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	33.030	31.990	32.710	32.020	31.680	31.450	31.540	31.630	31.420	31.490	31.580	31.860
2	32.920	32.000	32.320	32.020	31.660	31.450	31.780	31.630	31.430	31.540	31.660	31.870
3	32.960	31.940	31.930	32.020	31.660	31.460	31.660	31.500	31.520	31.490	31.710	31.930
4	32.900	31.940	31.860	32.020	31.630	31.470	31.600	31.560	31.540	31.470	31.720	31.970
5	32.840	31.970	31.890	32.020	31.570	31.450	31.600	31.590	31.530	31.470	31.710	31.970
6	32.850	31.950	31.840	32.060	31.560	31.460	31.620	31.760	31.520	31.450	31.750	31.970
7	32.850	31.960	31.810	32.030	31.570	31.450	31.690	31.690	31.530	31.380	31.740	31.960
8	32.760	31.950	31.850	32.030	31.600	31.450	31.650	31.570	31.550	31.300	31.730	31.960
9	32.310	31.960	32.140	32.080	31.510	31.470	31.770	31.670	31.460	31.370	31.730	31.970
10	31.880	31.960	31.990	32.070	31.520	31.470	31.840	31.530	31.470	31.450	31.730	31.980
11	32.030	31.990	31.990	32.040	31.530	31.480	31.850	31.550	31.460	31.580	31.800	31.970
12	32.030	32.010	31.900	32.020	31.520	31.500	31.720	31.650	31.580	31.510	31.830	31.970
13	32.110	32.070	31.900	32.020	31.510	31.510	31.690	31.620	31.620	31.410	31.740	31.980
14	32.060	32.150	31.950	32.080	31.460	31.480	31.670	31.610	31.670	31.360	31.810	31.990
15	31.880	32.020	32.020	32.210	31.390	31.490	31.620	31.600	31.720	31.380	31.760	31.980
16	31.850	32.020	32.060	32.240	31.350	31.500	31.590	31.380	31.490	31.400	31.790	31.960
17	31.880	32.010	32.060	32.060	31.300	31.510	31.570	31.450	31.610	31.440	31.780	31.960
18	31.960	32.000	32.110	32.020	31.300	31.560	31.590	31.630	31.560	31.510	31.770	31.970
19	32.090	32.070	32.110	32.030	31.360	31.550	31.610	31.500	31.470	31.500	31.790	31.950
20	31.910	32.130	32.080	32.030	31.380	31.550	31.560	31.560	31.470	31.530	31.740	31.940
21	31.900	32.130	32.080	32.030	31.530	31.550	31.530	31.480	31.520	31.680	31.800	31.960
22	31.940	32.170	32.070	32.090	31.550	31.530	31.560	31.570	31.520	31.730	31.810	31.950
23	31.920	32.150	32.060	32.030	31.540	31.530	31.570	31.490	31.530	31.630	31.830	31.990
24	31.930	32.130	32.070	31.980	31.390	31.540	31.600	31.400	31.760	31.770	31.860	32.140
25	31.920	32.060	32.070	31.900	31.380	31.520	31.720	31.370	31.660	31.720	31.890	31.960
26	31.950	32.280	32.170	31.870	31.330	31.510	31.730	31.360	31.730	31.630	31.850	31.950
27	32.010	32.530	32.130	31.860	31.360	31.550	31.470	31.420	31.690	31.590	31.910	31.860
28	31.980	32.820	32.150	31.870	31.550	31.580	31.470	31.440	31.510	31.570	31.890	31.850
29	31.950		32.070	31.850	31.470	31.580	31.640	31.440	31.440	31.710	31.800	31.870
30	31.960		32.060	31.850	31.450	31.550	31.580	31.500	31.470	31.570	31.900	31.870
31	31.980		32.090		31.410		31.600	31.440		31.470		31.910
Avg.	32.210	32.085	32.050	32.015	31.485	31.505	31.635	31.535	31.550	31.520	31.780	31.950